

1/8/89

भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 21 नई दिल्ली, शनिवार, मई 27, 1989 (ज्येष्ठ 6, 1911)
No. 21 NEW DELHI, SATURDAY, MAY 27, 1989 (JYASTHA 6, 1911)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अना संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 27th May 1989

Patent Office Branch,
61, Wallajah Road,
Madras-600 002

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

1—37 GI/89

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Patent Office (Head Office),
"NIZAM PALACE" 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 029.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated

CORRIGENDUM

In the Gazette of India, Part III Section 2 dated 12-11-88 under the heading 'Complete Specifications Accepted' in Column 1 of page 1218 in respect of P.S. No. 163814 :

For Application No. 65/Del/85 Read 650/Del 85.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135. of the Patents Act, 1970

The 17th April 1989

- 292/Cal/89. Donald F. Burg. Extended bow and controllable air cushion air ride boat hull.
- 293/Cal/89. Samuel W. Putch and Norman A. Nelson. Ratcheting and threaded well connector.
- 294/Cal 89. B. W. N. Vortoil Service Pty. Ltd. Recovery of oil from oil reservoirs.
- 295/Cal '89. Siepa Holding SA. Security document printing ink.

The 19th April 1989

- 296/Cal/89. Indian Fine blank Limited. Hydraulic precision straightening machine with return conveyor for auto feeding system.
- 297/Cal/89. Ronald S. Ace. Method of making multi-focus ophthalmic lens.
- 298/Cal 89. Philips Petroleum Company. Expression of hepatitis B Press₂ Protein in methylotrophic yeasts.
- 299/Cal/89. Texaco Development Corporation. Quenching insulating collar.
- 300/Cal/89. Yumtus Crest Inc. Manufacture of alkylbenzenes.
- 301/Cal '89. Yamatake-Honeywell Co. Ltd. Valve apparatus.
- 302/Cal '89. Universal Network. Inc. Book Clip.
- 303/Cal '89. R. J. Reynolds Tobacco Company. Smoking article with improved means for delivering flavorants.

The 20th April 1989

- 304/Cal/89. Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. A travelling on track machine for cleaning permanent way, more especially the ballast surface of ballast bed situated beneath a track panel formed by sleepers and rails.
- 305/Cal '89. Institute of General and Physical Chemistry and Institute for biological physics. A method and device for noninvasive acoustic testing of elasticity of soft biological tissues.
- 306/Cal '89. Hoechst Aktiengesellschaft. A process for the preparation of amino -- and nitrobenzene components.
- [Divisional dated 10th September, 1986].
- 307/Cal/89. Henkel Kommanditgesellschaft Auf Aktien and E. I. Du Pont De Nemours and Company. Surface treatment agent for polymer fibers.

The 21st April 1989

- 308/Cal/89. Krupp Widia GmbH. Process for producing a sintered hard metal body produced *in vacuo*

- 309/Cal 89. E. I. Du Pont De Nemours and Company. process for metering color concentrates to thermoplastic polymer melts.
- 310/Cal 89. Institut Strukturobi Makrokinetiki Akademii Nauk SSSR. Method of preparing silicon β -Carbide.
- 311/Cal '89. Rolf Henning Steinbock. Differential thread for transfer of screw thread force.

The 24th April 1989

- 312/Cal '89. PPG Industries, Inc. Neutral sputtered films of metal alloy oxides.
- 313/Cal/89. Hitachi Construction Machinery Co., Ltd. Hydraulic driving method of and hydraulic driving apparatus for hydraulic machine.
- 314/Cal '89. Hitachi Construction Machinery Co. Ltd. Valve apparatus.
- 315/Cal '89. Yamatake-Honeywell Co. Ltd. Valve apparatus.

The 25th April 1989

- 316/Cal '89. Mitsui Toatsu Chemicals, Incorporated. Polysulfide base resin, plastic lens containing the resin and processes for preparing the same.
- 317/Cal 89. M. D. Engineering, Inc. Female condom device.
- 318/Cal '89. Hoechst Aktiengesellschaft. A process for the preparation of water-soluble azo compound.
- 319/Cal '89. Eurocaltique, S. A. Core or matrix for controlled release pharmaceutical compositions for oral administration.
- 320/Cal '89. The Babcock & Wilcox Company. Controlled discharge from a standpipe containing particulate materials.
- 321/Cal '89. The Babcock & Wilcox Company. Sintering prevention in stagnant zones of fluid bed boiler.

The 26th April 1989

- 322/Cal '89. Vsesojuzny Nauchno-Isledovatel'sky I Proektny Institut Aluminievoy Magnievoj I Elektrodoj Promyshlennosti. Drum vacuum filter.
- 323/Cal '89. You-Shin Lee. Weft feeding apparatus.
- 324/Cal '89. Westinghouse Electric Corporation. Improvements in or relating to thermally turbulent combustion system.
- 325/Cal '89. Advanced Manufacturing and Development. Organic waste treatment system and method.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, DELHI-5

The 20th March 1989

- 258/Del '89. Exxon Chemical Patents Inc., "Silicon-bridge transition metal compounds"
- 259/Del '89. Alsthom. "A high tension circuit breaker with low operating energy."

The 21st March 1989

- 260/Del '89. BP Chemicals Ltd., "Ziegler Natta catalyst".
- 261/Del '89. BP Chemicals Ltd., "Separation process".

262/Del/89. Champion Spark Plug Europe S. A., "Glow plug for internal combustion engine". (Convention date 6th April, 1988) (U.K.).

263/Del/89. BP Chemicals Ltd., "Recovery of noble metals".

The 23rd March 1989

264/Del/89. The University of Sydney, "Solar heating system".

(Convention date 24th March, 1988) (Australia).

265/Del/89. La Telemecanique Electrique, "An electric connection terminal with braked screw".

266/Del/89. Imperial Chemical Industries PLC., "Hydrogen".

(Convention date 24th March, 1988 & 9th February, 89) (U.K.).

267/Del/89. Kabushiki Kaisha Satomi Seisakusho, "Paper material refining apparatus".

268/Del/89. Energy conversion Devices, Inc., "Large area microwave plasma apparatus".

269/Del/89. PKS Engineering GmbH & Co. KG., "Sealing device".

270/Del/89. Rohm and Haas Co., "Graft copolymers and blends thereof with polyolefins".

The 27th March 1989

271/Del/89. Bharat Heavy Electricals Ltd., "Combined vertical axis and horizontal axis wind rotors or turbine".

272/Del/89. Council of Scientific & Industrial Research, "Preparation of a novel liquid reagent indicator formulation for estimation of iodine in iodated salt".

272/Del/89. Council of Scientific & Industrial Research, "An improved process for refining of hot metal by removing silicon, phosphorus and sulphur in a single step, outside the furnace without using any gaseous oxygen".

274/Del/89. Council of Scientific & Industrial Research, "An improved process for calotising of a component selected from plain carbon steels, stainless steels and other alloy steels".

275/Del/89. Council of Scientific & Industrial Research, "Sea activated switch mechanism".

276/Del/89. Vladimir Mikhailovich Khodosevich, "Method for centering lenses in mounts of optical units".

277/Del/89. International Business Machines Corporation, "Relational database apparatus". (Convention date 5-7-88) (U.K.).

278/Del/89. Sang Don Lee, "Improved hypodermic syringe with a locking needle assembly and syringe combination".

279/Del/89. John Derek Guest, "Improvements in or relating to methods of manufacturing tube coupling bodies".

280/Del/89. Gee Plessey Telecommunications Ltd., "Ring data network". (Convention date 13th April, 1988) (U.K.).

281/Del/89. Hunter Douglas International NV, "Vertical shade assembly".

282/Del/89. Paul Warth S. A., "Machine for drilling tapholes of a shaft furnace".

The 28th March 1989

283/Del/89. Council of Scientific & Industrial Research, "An improved process for the preparation of alkyl carbamates".

284/Del/89. Council of Scientific & Industrial Research, "An improved process for preparation of aryl-alkylcarbamates".

285/Del/89. Council of Scientific & Industrial Research, "A process for the preparation of para substituted (3) CIS 2, 2-dimethyl-3-(2, 2-dichlorovinyl) cyclopropane carboxylates, highly potent insecticides belonging to the synthetic pyrethroids group".

286/Del/89. Exxon Research and Engineering Co., "Removal of volatile acids from NMP solvent vapors with sacrificial metal and ion exchange".

The 29th March 1989

287/Del/89. Chung Sang Yook, "Re-inking device and method". (Convention date 6th April, 1988 under No. 8808026.8, 20th June, 88 under No. 8814575.0 and 23rd July, 1988 under No. 8817628.4 (U.K.).

288/Del/89. E. R. Squibb & Sons, Inc., "Bis (hydroxymethyl) cyclobutyl purines and pyrimidines".

289/Del/89. Mikhail Fedorovich Kuzmin & Marat Nikolaevich Jushuney, "Apparatus for centrifugal working of articles".

290/Del/89. Vladimir Mikhailovich Khodosevich, "Method for boring lens holders of lens objectives with calculated air gaps".

291/Del/89. Institut Gidrodinamiki Imeni M. A. Lavrentieva Sibirskogo Otdelennia Akademii Nauk SSSR, "Barrel of an apparatus for applying coatings by gas detonation".

292/Del/89. Pressers International Products Inc., "Ball with swingable internal weight". (Convention date 30th March, 88) (Canada).

293/Del/89. Novosibirsky Gosudarstvennyy Universitet Imeni Leninskogo Komsomola & Institut Gidrodinamiki Imeni M. A. Lavrentieva Sibirskogo Otdelennia Akademii Nauk SSSR, "Apparatus for application of coatings by gas detonation".

30th March 1989

294/Del/89. Karavision, Inc., "Holder for inserting corneal curvature adjustment ring".

295/Del/89. Neuromedical Systems, Inc., "Neural Network based automated cytological specimen classification system and method".

296/Del/89. C. R. Bard, Inc., "Variable shaped catheter system and method for catheterization".

297/Del/89. La Telemecanique Electrique, "A protection module for a contact-maker electromagnet".

298/Del/89. Taruk Plastics Pvt. Ltd., "A spring actuated door closer".

The 30th March 1989

299/Del/89. Jaduram Chaudhary, "Improved design of water tap for public hydrants".

The 31st March 1989

300/Del/89. Ashok Manufacturing Co (P) Ltd., "An improved device for waste disposal".

301/Del/89. Steinert Electromagnetbau GmbH, "Magnetic separator".

302/Del/89. SPETSIALNOE KONSTRUKTORSKO TEKHNOLGICHESKOE BJURO KATALIZATOROV S OPYNYM ZAVODOM & OTHERS. "Method of preparing catalyst of stereospecific polymerization of α -olefins".

303 Del/89. Institut Gidrodinamiki Imeni M. A. Lavrentieva Sibirskogo Otdelenia Akademii Nauk SSSR. "Apparatus for applying coatings by gas detonation".

304 Del/89. Kabushiki Kaisha Toshiba. "Distortion straightening method".

305/Del/89. The Protector & Gamble Co., "Thin, flexible sanitary napkin".

306 Del/89. The Procter & Gamble Co., "Sanitary napkins having flaps and stress relief means".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W) BOMBAY-13.

The 20th March 1989

70/Bom/89. Hindustan Lever Ltd. Liquid Detergent Composition.

21st March, 1988, Great Britain, 11th October, 1988, Great Britain.

71/Bom/89. Gajanan Vitthal Sathaye. Automatic silt ejector mechanism.

72/Bom/89. Ion Exchange (India) Ltd. Improved water purified or water purified cum filter.

73/Bom/89. Jitendra Singh Bai's. The improvements in or relating to pipe-filter mechanism/assembly.

The 21st March 1989

74/Bom/89. Hindustan Lever Ltd. Skin Composition.

75/Bom/89. Hindustan Lever Ltd. Process for preparing a petroleum cracking catalyst containing a silica/magnesia catalyst cogal base. 6th Aug. 1986, Great Britain.

The 27th March 1989

76 Bom/89. Searle (India) Limited. A process for the preparation of aroyl ureas from aroylthio-ureas.

77/Bom/89. Searle (India) Limited. A process for the preparation of aroyl ureas from aroyl thioureas.

78/Bom/89. Searle (India) Limited. A process for the preparation of aroyl ureas from aroyl thioureas.

79/Bom/89. Polyolefins Industries Limited. An invention for a multiple irrigation equipment.

The 29th March 1989

80/Bom/89. Kabushiki Kaisha Toshiba. Apparatus for performing group control on elevators utilizing distributed control, and method of controlling the same.

The 30th March 1989

81/Bom/89. Hindustan Lever Limited. Transparent soap bars. 31st March, 1988, Gr. Britain.

82/Bom/89. Chandrakant Ganpatrao Chury. A device to accomplish optimum precision in radial running of a bearing system used in machine tool applications such as revolving centre spindle of grinders, lathes, boring machines and the like.

83/Bom/89. Chandrakant Ganpatrao Chury. An extraneous attachment for a machine tool to ultimately perform the functions of centreless grinding or lapping machines.

The 3rd April 1989

84/Bom/89. Mrs. Neela Vinayak Rashinkar. An inner cable tensioning device for two/three wheelers.

The 5th April 1989

85/Bom/89. Hindustan Lever Limited. Detergent composition. 6th April, 1988, Gr. Britain.

86/Bom/89. Rattan Lal Sud. Improved closure for containers.

87/Bom/89. Kamal Jain. Device of die shuffler.

The 7th April 1989

88/Bom/89. Shaikh Mohammed Rafique. The most convenient hacksaw blade holder frame.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 27th March 1989

236/Mas/89. Kalbag Nagesh. Improvements in or relating to centrifugal pumps.

237/Mas/89. Kalbag Nagesh. Improvements in or relating to House Hold Fans.

238/Mas/89. Kalbag Nagesh. Improvements in or relating to House Hold Fans.

239/Mas/89. Kalbag Nagesh. Improvements in or relating to Centrifugal pumps.

240/Mas/89. Jojo Thomas. Twin purpose tube light.

241/Mas/89. Plessey Overseas Limited. A data path checking system. (March 30, 1988; United Kingdom).

242/Mas/89. Mobacc B. V. Aerosol valve device.

The 28th March 1989

243/Mas/89. Mobil Oil Corporation. A process for hydro-dewaxing a hydrocarbon feedstock boiling above about 288°C (555°F) to produce a dewaxed lubricating oil base stock. (Divided out of Patent Application No. 829/Mas/85).

244/Mas/89. Corning Glass Works. High index photochromic glasses.

245/Mas/89. Stamicarbon B. V. Process for the preparation of cyclohexanol and/or cyclohexanone.

246/Mas/89. Tecumseh Products Company. Scroll compressor.

247/Mas/89. Cogent Limited. Detection system for explosives. (March 31, 1988; United Kingdom).

The 29th March 1989

248/Mas/89. K. S. Saiju Ushas Kaithottukonam. D-MLX.

249/Mas/89. Shell Internationale Research Maatschappij B. V. Process for separating hydroprocessed effluent streams. (March 31, 1988; Great Britain).

250/Mas/89. Edouard Touillet. A two-fluid pressure regulator, and application to the feed system of an internal combustion engine.

The 30th March 1989

251/Mas/89. Southern Petrochemical Industries Corporation Ltd. A process for the preparation of ethylenediamine tetrakis (methylenephosphonic acid) or its salts.

252/Mas/89. TTC Machinery Manufacturing Company Ltd. A device for cleaning coke oven door frames.

253/Mas/89. Dana Corporation. Hydraulically actuated release mechanism for a clutch.

The 31st March 1989

254/Mas/89. K. Varadaraj & Dr. T. J. Pandian. Genetic engineering technic for the production and development of brood stock supermale for unisex (male) culture of tilapia *Oreochromis mossambicus*.

255/Mas/89. Doduco GMBH & Co. Dr. Eugen Durrwachter. Semi-finished product for making electric contacts, made of a composite material based on silver and tin oxide and powder-metallurgical process of producing the semi-finished product.

256/Mas/89. Sukomal Roychowdhury. Deodorant Composition for abating the odor of organic refuse. (March, 28, 1988; Canada).

The 3rd April 1989

257/Mas/89. Vucha Suseela & Vucha Jagan Mohan Rao. An apparatus for making petroleum jelly filled telephone cable cores.

258/Mas/89. FMC Corporation. Casing hanger and pack-off running tool.

259/Mas/89. Ciba-Geigy AG. Disperse dyes.

260/Mas/89. Area Brown Boveri Ltd. Vertical-Axis Electrical machine of umbrella design.

The 4th April 1989

261/Mas/89. Sepacor Inc. Enzymatic resolution systems and compounds useful in the systems and their preparation.

262/Mas/89. Trailer P H Corporation. Intermodel system for transporting a Semi-Trailer on two railway vehicles.

The 5th April 1989

263/Mas/89. Girivas Viswanath Shet. House of Vrindavan Lotion.

264/Mas/89. Abex Corporation. Brake block temperature and wear measuring device.

The 6th April 1989

265/Mas/89. Linde Aktiengesellschaft. Process for obtaining carbon monoxide.

The 7th April 1989

266/Mas/89. Minnesota Mining and Manufacturing Company. Abrasion resistant coatings comprising silicon dioxide dispersions.

ALTERATION

164768 Anti-dated the 21st July, 1984.
(816/Cal/86).

OPPOSITION PROCEEDINGS

(1)

The opposition entered by Elpro International Ltd. to the grant of a patent on application No. 160393 made by W. S. Insulators of India Ltd., has been decided and ordered that the application will proceed to sealing with some amendments.

(2)

The opposition entered by Elpro International Ltd. to the grant of a patent on application No. 160394 made by W. S. Insulators of India Ltd. has been decided and ordered that the application will proceed to sealing with some amendments.

(3)

The opposition entered by I. D. I. Chemicals Ltd. to the grant of patent application No. 158123 made by Union Explosives Rio Tinto S. A. as notified in the Gazette of India, Part III, Section 2 dated 28th February, 1987 has been decided and ordered that the amendments proposed in annexure-I shall be allowed and the patent shall not sealed until the other opposition filed by I. E. I. Ltd. is decided.

PATENTS SEALED

156541	156780	161145	161146	161147	162290	162955
163063	163224	163225	163227	163278	163281	163285
163289	163290	163291	163292	163293	163294	163304
163309	163311	163312	163319	163360	163372	163374
163375	163378	163402	163408	163416	163422	163436
163439	163440	163451	163454	163456	163458	163459
163463	163470	163510	163623			

CAL = 24.

DEL = 9.

MAS = 9.

BOM = 4.

RENEWAL FEES PAID

143246	143901	144597	144922	145000	145398	145407
145538	145575	145825	145830	145944	146069	146319
146351	146382	146649	146650	147779	148195	148514
149035	149040	149046	149386	149425	149533	149597
149786	150145	150291	150326	150424	150425	150749
150922	150942	151076	151132	151133	151437	151487
151688	151717	151754	152213	152329	152330	152377
152378	152463	152629	152729	152876	152938	152962
152981	153131	153499	153886	153962	154250	154467
154493	154737	154875	154996	155063	155076	155077
155371	155393	155475	155514	155515	155655	155670
155671	155739	155800	155874	155877	155908	155993
156109	156110	156199	156349	156421	156504	156507
156659	156667	156803	156858	157073	157194	157513
157737	157772	157891	157905	157984	158164	158264
158271	158363	158456	158586	158648	158773	158794
158952	159030	159131	159175	159295	159296	159552
159949	160325	160327	160714	160808	160941	160987
160988	160990	161000	161049	161256	161339	161346
161383	161478	161696	161717	161897	161911	161949
161966	161997	162123	162266	162269	162654	162659
162660	162666	162712	162781	162782	162783	162785
162812	162847	162861	162862	162904	162905	162928
162947	162948	162949	162967	163065	163069	163070
163084	163085	163089	163116			

CESSATION OF PATENTS

148977	148983	148984	148987	148989	148990	148991
148992	148994	148997	148998	148999	149000	149001
149002	149004	149006	149007	149008	149009	149010
149014	149017	149018	149020	149021	149022	149026
149032	149036	149039	149044	149048	149050	149052
149053	149054	149056	149060	149062	149064	149065
149067	149068	149069	149071	149074	149075	149078
149079	149080	149081	149083	149084	149085	149091
149092	149093	149094	149095	149096	149097	149099
149101	149102	149103	149106	149109	149111	149115
149116	149118	149119	149120	149121	149125	149127

149130 149131 149132 149133 149135 149142 149143
 149144 149145 149146 149148 149149 149151 149152
 149153 149154 149155 149158 149160 149162 149166
 149168 149169 649171 149173 149175 149179 149180
 149183 149185 149187 149189 149190.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of the date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of Indian Book Depot, 8, Kiran Sankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 101-F

164761

Int. Cl. : G 05 d 16/00.

AN APPARATUS OF THE DISTRIBUTION OF FLUID.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, U.S.A.

Inventor : RICHARD EDWARD PUTMAN.

Application No. 749/Cal/84 filed October 26, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

An apparatus for the distribution of fluid coming in through a plurality of input fluid lines to satisfy a demand of fluid through a plurality of parallel output lines, with at least one common header collecting fluid from at least two parallel such output lines, the apparatus comprising :

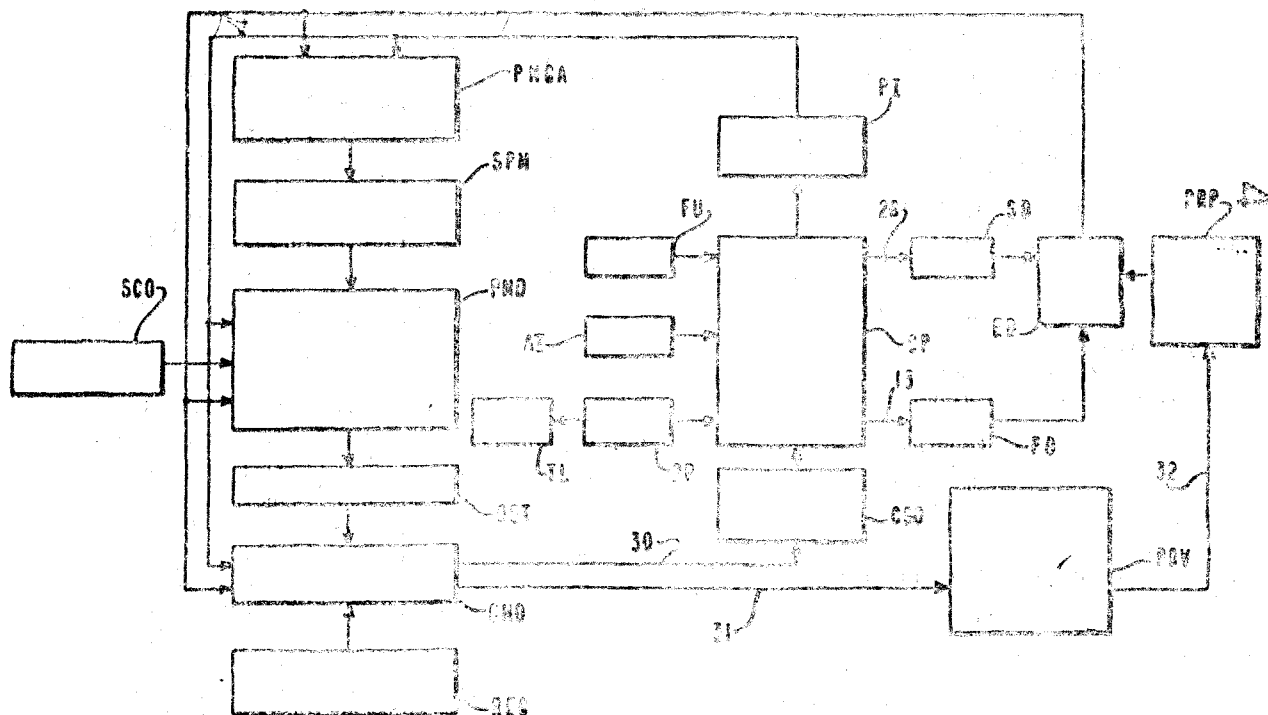
control means for selectively changing the flow between said input lines and for concurrently and selectively changing the flow between said output lines in accordance with a predetermined criterion;

decoupling means responsive to an intended change by said control means according to said criterion affecting one of said parallel output lines for simulating a resulting change through the system by said control means upon the other of said parallel output lines; and

means for combining said intended change and said resulting change in response to both said control means and said decoupling means simultaneously for effectively changing the flow between said input and output lines, thereby to compensate for said resulting change.

Compl. specn. 79 pages

Drg. 21 sheets



CLASS : 33-A

164762

Int. Cl. B 22 d 11/00.

A PROCESS FOR CASTING OF SMELT INTO SEVERAL-BILLETS.

Applicant : METACON AG., OF OERLIKONERSTR. 88, CH-8057 ZURICH, SWITZERLAND.

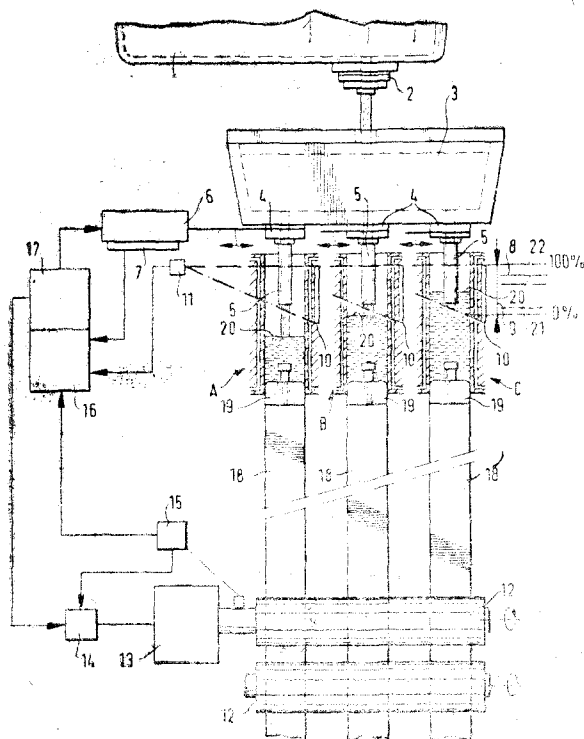
Inventors : (1) BERNHARD TINNES, (2) HEINZ KREUZBERG.

Application No. 587/Cal/85 filed August 12, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method of casting metal by pouring a molten metal from an intermediate vessel into a plurality of continuous casting moulds through respective discharge valves and withdrawing all the castings from the moulds with common withdrawing means at the same speed, which includes opening all the valves to initiate the pouring process, monitoring the filling level within each mould in a measuring zone, throttling the discharge valve associated with that mould whose filling level is the first to reach a first predetermined threshold level within the measuring zone, throttling the discharge valve associated with the ore each mould whose filling level becomes equal to that of the said first mould, switching or the withdrawing means when all the filling levels are substantially the same or when the first of the filling levels reaches a second predetermined threshold level, within the measuring zone above the first predetermined threshold level, and adjusting the throttling of each discharge valve when the filling level in the associated mould reaches a desired level within the measuring zone above the second predetermined threshold level so as to maintain the said filling level substantially at the said desired level.



Compl. specn. 11 pages

Drg. 2 sheets

CLASS : 39—E+F

164763

Int. Cl. : C 01 f 7/00.

IMPROVEMENT IN THE PREPARATION OF PHARMACEUTICAL FORMULATIONS IN THE FORM OF SUSPENSIONS.

Applicant : MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, D-6100 DARMSTADT FRANKFURTER STRASSE 250, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) DR. ULLRICH HANSTEIN, (2) FRANKFURTER STRASSE.

Application No. 768/Cal/85 filed October 31, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

Improvement in the preparation of pharmaceutical formulations in the form of suspensions containing 1-40 per cent by weight of sucralfate, 1-50 per cent by weight of liquids which increase the viscosity, water and if desired, customary auxiliaries and additives, characterised in that 1-5 per cent by weight of xanthan gum and 1-12.5% by weight of peptiser, both based on the content of sucralfate, are added to these formulations.

Compl. specn. 9 pages

Drg. Nil

CLASS : 108-C₃; 130-G

164764

Int. Cl. : C 21 c 1/00, 7/00; C 22 b 9/00.

A METHOD OF PRODUCING REFINED METAL FROM METAL CONTAINING ELEMENTAL IMPURITIES.

Applicant : GEORG FISCHER AKTIENGESELLSCHAFT, OF CH-8201 SCHAFFHAUSEN, SWITZERLAND.

Inventors : (1) FEHR KURT, (2) HENCYCH IVO, (3) PAVLOVSKY RUDOLF.

Application No. 825/Cal/85 filed November 20, 1985.

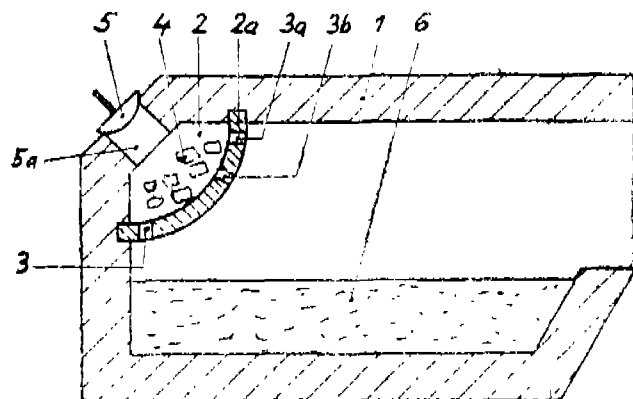
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method of producing refined metal having lesser amounts of elemental impurities from metal having considerable amounts of elemental impurities by the removal of said impurities from a metal melt by means of vaporized additives which comprises introducing the metal melt containing an element to be bound by the additive into a vessel; introducing at least one additive into a chamber formed by a wall in the vessel, conducting the metal melt through openings defined in the wall into the chamber into contact with the additive and thereby commencing the reaction by vaporizing the additive in the chamber and permitting the vaporized additive to flow through the chamber openings into the metal melt in the vessel, maintaining the relation of the amount T of metal melt in tons and to the element contained in the metal melt to be bound by the additive so that a vaporization time 't' in seconds results, and adjusting the vaporization time in accordance with the formula

$t = 68 \text{ XT}^{0.22\text{XA}}$

wherein A is a coefficient selected in accordance with the additive to be vaporized and ranges from 0.4 to 1.5.



Compl. specn. 11 pages

Drg. 1 sheets

CLASS : 72-E

164765

Int. Cl. : C 06 b 19/00.

METHOD FOR THE TREATMENT OF WATERY BOREHOLES TO PERMIT THE LOADING THEREOF WITH BULK LOW DENSITY EXPLOSIVE CHARGE.

Applicant : IEL LIMITED, OF 34 CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors : (1) PIJUSH KANTI SANYAL, (2) ANOOTAM GHOSH.

Application No. 391/Cal/86 filed May 27, 1986.

Complete Specification left on 27th July, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A method for the treatment of watery boreholes to permit the loading thereof with bulk low density explosive charge and the detonation of such charge with optimum intensity which comprises bulk loading said low density

explosive charge into the water-containing borehole whereby the water in the borehole is displaced above the loaded explosive charge, immediately thereafter injecting into said displaced water above said charge a dispersion of a hydrophilic compound of the kind such as herein described whereby by virtue of its weight and the force of injection said dispersion plumes to the bottom of said displaced column of water where the hydrophilic content thereof combines with said water where the hydrophilic content thereof combines with said water to form a substantially impermeable pudding-like plug above said loaded explosive charge, said plug preventing any remaining water above it from percolating down to the bottom of the borehole and the charge below it from rising any further up the borehole even after gassing thereof has reduced the density of the charge to less than that of water.

Compl. Specn. 8 pages

Drg. Nil

Provl. Specn. 6 pages.

Drg. Nil

CLASS : 116-G

164766

Int. Cl. : B65d 88/00.

MOVABLE HOPPER BAND CARRIAGE.

Applicant : O & K ORENSTEIN & KOPPEL AKTIENGESELLSCHAFT, BERLIN, BRUNSBUTTELER DAMM 144-208, 1000 BERLIN, WEST GERMANY.

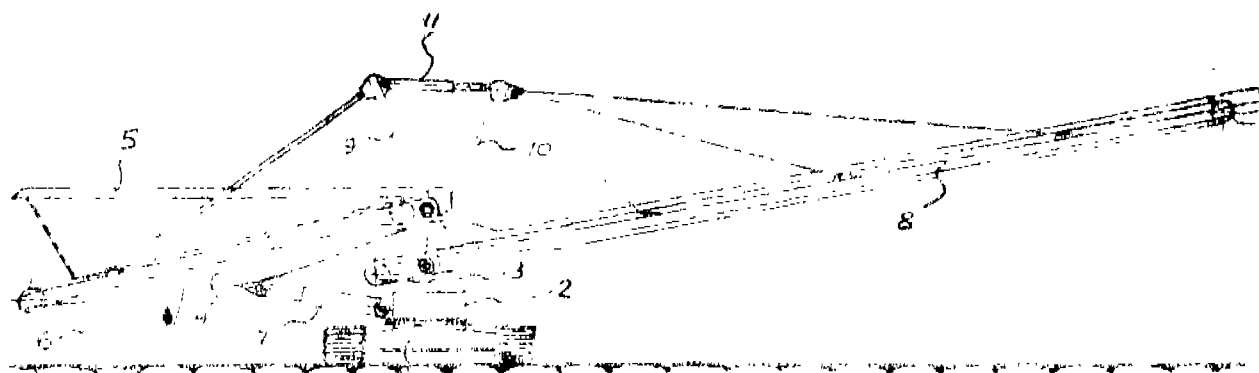
Inventors : (1) DIETER HOFFMANN, (2) WOLFGANG FLEISCHHAKER.

Applicataion No. 399/Cal/86 filed May 28, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A movable hopper band carriage with a swivable superstructure where a feeder cantilever, which can be lifted and lowered and a delivery conveyor, which can be lifted and lowered are hinged, these two are provided with terminal spindles at the machine side end of each one, wherein the feeder cantilever (4) is provided with a feeder hopper (5) stretching practically over its length and an outrigger (6) and the feeder cantilever (4) are joined with the superstructure (3) by a hydraulic cylinder (7).



Compl. specn. 7 pages

Drg. 1 sheet

CLASS :

164767

Int. Cl. : B 01 j 47/00.

PACKING ELEMENT FOR EXCHANGE COLUMN

Applicant : NORTON COMPANY, OF 1 NEW BOND STREET, WORCESTER, STATE OF MASSACHUSETTS, U.S.A

Inventor : MIN ALEXANDER HSIA.

Application No. 579 Cal/1986 filed July 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

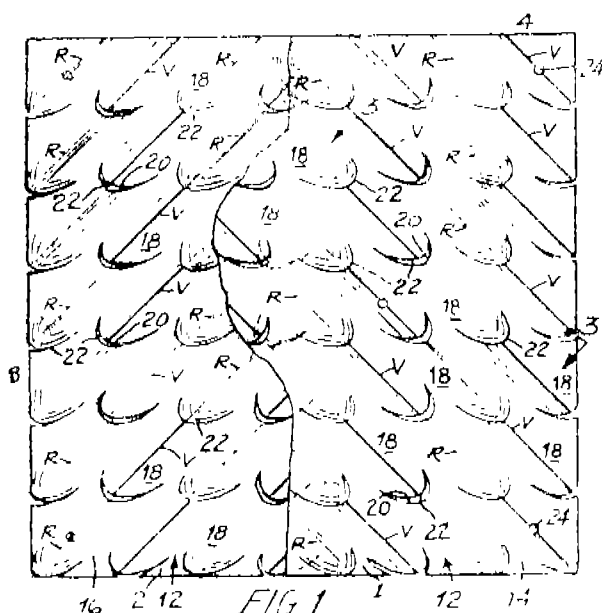
A packing element for an exchange column comprising :

a plurality of preformed sheets situated adjacent one another and a plurality of inclined rows of elongated inclined troughs with alternating, elongated inclined valleys and elongated inclined ridges wherein said rows of valleys and ridges are on opposite front and back sides of each preformed sheet;

said inclined rows on a side adjacent one said sheet of the packing element being disposed at an angle opposite and in criss-crossing relation to the inclined rows of the inclined troughs, alternating valleys and ridges of said adjacent sheet of the packing element;

an upper edge extending about an inlet to each trough, and

a lower drip edge extending about an outlet end of each trough and disposed adjacent the upper edge and inlet of an adjacent lower trough on the opposite side of the sheet and in the same inclined row.



Compl. specn. 12 pages.

Drg. 1 sheet

CLASS : 32-F₁, 32-F₂b + 32-F₃d.

164768

Int. Cl. : C 07 d 7 28

PROCESS FOR THE PREPARATION OF COUMARIN COMPOUND

2 -87 GI 89

Applicant : FIDIA S. P. A., OF VIA PONTE DELLA-FABBRICA 3/A. 35031 ABANO TERME (PADOVA), ITALY.

Inventors : (1) FRANCESCO DELLA VALLE, (2) AURELIO ROMEO.

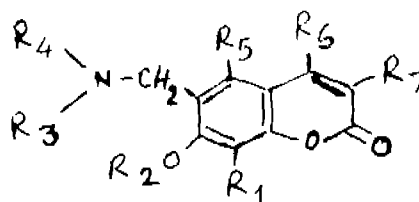
Application No. 816 Cal/86 filed November 10, 1986.

Divisional of Application No. 522/Cal.84 Anti-dated to 21st July, 1984.

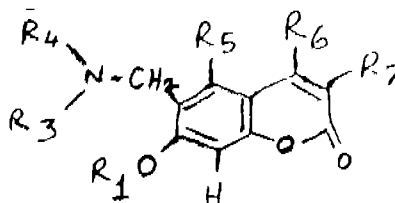
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of a coumarin compound of formula (I) of the accompanying drawings



wherein R_1 is a hydrocarbyl group having 1 to 7 carbon atoms; R_2 is a hydrogen or a hydrocarbyl group having 1 to 7 carbon atoms; R_3 and R_4 , which may be the same or different, each represent hydrogen, a hydrocarbyl group having 1 to 7 carbon atoms or phenyl; R_5 and R_6 which may be the same or different, each represents a hydrocarbyl group having 1 to 7 carbon atoms or R_5 and R_6 , when taken together, may represent aziridinyl morpholino, thiomorpholino, pyrrolidino, piperidino, piperazino, hydroxypiperidino, hydroxyethylpiperidino, hydroxypiperazino or hydroxyethyl-piperazino; and R_7 is hydrogen, a hydrocarbyl group having 1 to 7 carbon atoms, halogen or a free or protected hydroxy group or a pharmaceutically acceptable salt thereof which comprises subjecting to a Claisen reaction a compound of formula III of the drawings



wherein R_2 , R_3 , R_5 , R_6 and R_7 are as defined above for formula (I) and R_1 represents a substituted or unsubstituted hydrocarbyl group or optionally converting the product into a salt thereof.

Compl. specn. 91 pages.

Drgs. 2 sheets

CLASS :

164769

Int. Cl. : E 21 d 15, 00, 15/14.

RIGID PROPS FOR ROOFS OF UNDERGROUND MINES

Applicant : MINING & ALLIED MACHINERY CORPORATION LTD. (A GOVERNMENT OF INDIA ENTERPRISE) DURGAPUR-713210, DIST BURDWAN, WEST BENGAL INDIA

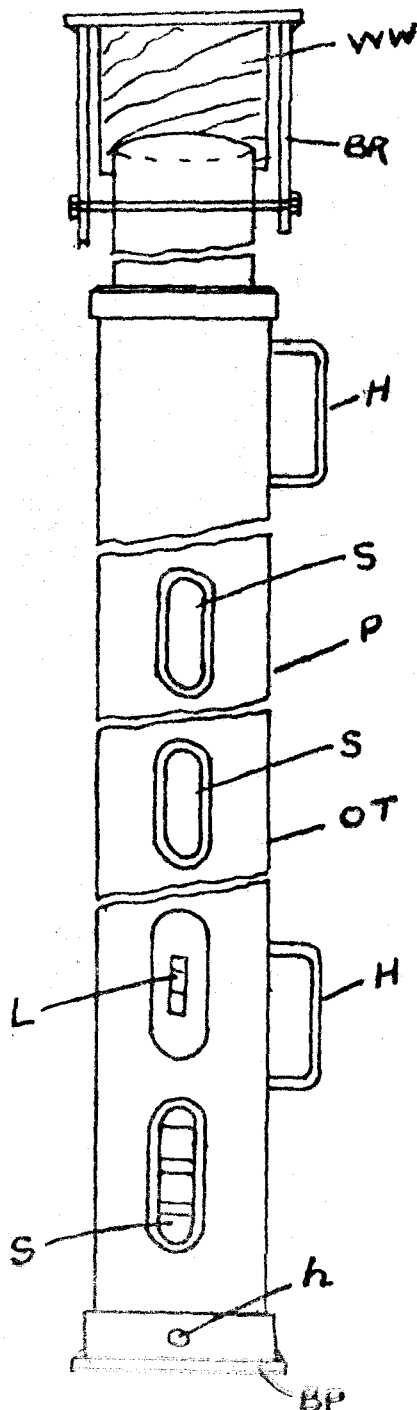
Inventors : MANABENDRA LAHIRI.

Application No. 856/Cal/86 filed November 25, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A rigid prop for the roof of an underground mine comprising an outer metallic tube, an inner tube telescoping into the outer tube from the upper end of the outer tube, a plurality of blocks of wood or hard rubber stacked one above the other within the outer tube and supporting inner tube, a steel wedge located in opposed slots in the outer tube for supporting the said blocks of wood or hard rubber and a wooden wedge supported by the upper end of inner tube.



Compl. specn. 10 pages.

Drg. 1 sheet

CLASS :

164770

Int. Cl. : E 21 c 7/08.

PROCESS FOR THE BENEFICIATION OF DIRTY COAL SLURRY FROM COAL WASHERIES AND RETRIEVING COAL THEREFROM.

Applicant & Inventor : RAJ NARANG AND SOBHA RAM AGARWAL, OF MESSERS NARANG FOUNDRY AND ENGINEERING WORKS, KATRAS ROAD, MATKURIA, DHANBAD, BIHAR, INDIA.

Application No. 307/Cal/87 filed April 20, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for beneficiation of dirty coal slurry from coal washeries and retrieving coal dust therefrom, comprises drying the slurry for reducing its moisture content to 5% by weight or less, screening the dried slurry for removing lumps and large sized particles of sand and other foreign bodies, feeding dried screened slurry in water containing 0.075% to 0.1% by weight of Na_2CO_3 , 0.04 to 0.06% by weight of NaOH and 0.4 to 0.6% by weight of molasses, feeding the water and said screened dried slurry in the ratio of 7:1 to 9:1 by weight to an agitator, collecting fine coal dust floating at top of the agitator into a tank and treating the fine coal dust and water in another agitator, collecting fine coal dust floating on top of the second agitator and drying the coal dust.

Compl. specn. 7 pages.

Drg. Nil

Int. Cl. : F 04 B 47/02, 39/00.

164771

SCROLL TYPE FLUID DISPLACEMENT COMPRESSOR.

Applicant : SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 KOTOBUKI-CHO, ISESAKI-SHI GUNMA 372, JAPAN.

Inventors : SHIGEMI SHIMIZU AND JIRO IIZUKA.

Application for Patent No. 994/Del/85 filed on 26th November, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A scroll type fluid displacement compressor having a housing a pair of scrolls, one of the scroll being fixed relative to said housing and having an end plate from which a first spiral wrap extends into the interior of the housing and the other scroll being movably disposed for non-rotative orbital movement within the interior of the housing and having an end plate from which a second spiral wrap extends, said first and second spiral wraps interfitting at an angular and radial offset to form a plurality of line contacts to define at least one pair of sealed off fluid pockets, and drive means connected to said other scroll to effect its orbital motion and said line contacts, characterised in that a groove is provided on the axial end surface opposite said end plate of each of said first and second spiral wraps;

a first seal element placed in one of said grooves, said first seal element having an axial thickness equal to or greater than the depth of said one groove; and

a second seal element placed in the other of said grooves, said second seal element having an axial thickness less than the distance between the bottom surface of said other groove and said end plate of the opposing scroll.

Compl. specn. 10 pages.

Drgs. 3 sheets

Int. Cl.⁴ : H 04 N 9/00, H 01 J 31/00.

164772

164774

DEVICE FOR ADJUSTING A DEFLECTION UNIT FOR A TELEVISION TUBE WITH THREE ALIGNED GUNS.

Applicant : VIDEOCOLOR, OF 7, BOULEVARD ROMAIN ROLLAND, 92123 MONTROUGE, FRANCE, A FRENCH COMPANY.

Inventor : JEAN CLAUDE FRINGANT.

Application for Patent No. 1099/Del/85 filed on 23d December, 85.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

Device for adjusting a deflection unit for a television tube with three aligned guns comprising :

support and centering means (23, 22) of the deflection unit;

a measuring head (20) comprising a field gradient collectors on the one hand in the front zone of the deflection unit and on the other hand in the rear zone of the deflection unit;

supply means (34, 35, 36, 37) connected to line winding of the deflection unit;

a computer (31) connected on one side to the collectors of the measuring head, and on the other side to the servo-device (32) that energises motors (29) and (33) that control x and y displacements of the deflection unit ferrite (24).

Compl. specn. 27 pages.

Drgs. 6 sheets

Int. Cl.⁴ : F 02 B 29/00, 29/06.

164773

AN IMPROVED TWO-STROKE ENGINE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : DR. STANISLAW RADZIMIRSKI, MUKESH SAXENA AND RAJENDRA KUMAR.

Application for Patent No. 1101/Del/85 filed on 24th December, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An improved two stroke engine comprising a crank case provided with a primary inlet pipe, one end of which opens into the crank case, the other end opening into an air filter through a carburettor for the supply of fuel air mixture to the engine, the crank case being connected to the cylinder through a transfer port (3), the cylinder being provided with a reciprocating piston, spark plug and an exhaust port characterised in that the said crank case is also provided with a secondary inlet pipe (B), one end of which being connected through a one way valve to the junction of the cylinder and the transfer port (3) and the other end being fitted with a carburettor, a control valve and an air filter, for the supply of air fuel mixture to the engine

Compl. specn. 7 pages.

Drgs. 2 sheets

Int. Cl.⁴ : B 22 F 3/10, 3/12, C 22 F 1/00, B 31 D 3/00.

METHOD OF MANUFACTURING A POROUS BODY.

Applicant : IMI TITANIUM LIMITED, A BRITISH COMPANY, OF P. O. BOX 704, WITTON, BIRMINGHAM B6 7UR, ENGLAND.

Inventor : MICHAEL WILLIAM KEARNS.

Application for Patent No. 1106/Del/85 filed on 24th December, 1985.

Convention date 26 January, 1985/8502021/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

A method of manufacturing a porous body of the kind described herein characterised in that it comprises the stages of placing a quantity of particulate material of the kind described herein in a gas-tight container, evacuating said container, admitting to said container a gas, compacting said particulate material to form a compact within said container under a pressure which results in the particulate material being bonded together around discrete gas-containing pores and also reduces the volume of the initially formed pores within said compact so that gas in said pores is at a higher pressure than that in the initially formed pores, and heat treating said compact at a temperature within a range which permits the pressure within said pores to exceed the material flow stress and thereby expand to provide a porous body.

Compl. specn. 10 pages.

Int. Cl.⁴ : C 08 J 3/00.

164775

A PROCESS FOR PREPARING POLYMER BONDED CLAY USEFUL FOR SURFACE TREATMENT, WATER PROOFING AND MOTH PROOFING OF ARTICLES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : KSHITINDRA KUMAR BHATTACHARYYA AND ALOK KUMAR CHATTERJEE.

Application for Patent No. 1125/Del/85 filed on 31st December, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A process for preparing polymer bonded clay useful for surface treatment, water proofing and moth proofing of articles which comprises treating the clay with dilute aqueous alkali solution, reinforcing the treated clay with silico aluminate rich materials to impart good strength and rigidity, drying the clay and applying on it, a polymer solution prepared by mixing a polymer such as herein described in a mixture of solvent such as herein described such that the cohesive energy density of the polymer is about 9.0 to 9.2.

Compl. specn. 21 pages.

Int. Cl.: C 22 C 38/02, B 21 B 3, 00.

164776

A METHOD OF PRODUCING CUBE-ON-EDGE ORIENTED SILICON STEEL STRIP OF SHEET FROM STRAND CAST SLABS.

Applicant: ARMCO INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, OF 703 CURTIS STREET, MIDDLETOWN, OHIO, UNITED STATES OF AMERICA.

Inventor: JERRY WILLIAM SCHOEN.

Application for Patent No. 120/Del/86 filed on 13th February, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A method of producing cube-on-edge oriented silicon steel strip sheet from strand cast slabs which comprises subjecting a strand cast slab containing from 2% to 4% silicon and having a thickness of 10 to 30 centimeters to prerolling at an elevated temperature with a reduction in thickness up to 50%, reheating said prerolled slab, hot reducing said reheated slab to hot band thickness, cold reducing said slab to final thickness, decarburizing and finally annealing said slab under conditions which effect secondary recrystallization to obtain said cube-on-edge oriented silicon steel strip and sheet, characterised in that said prerolling is effected at a temperature between 1088° to 1673°K, said reheating is effected in a manner as hereinbefore described at a temperature of between 1533° to 1673°K to obtain an average grain diameter not exceeding about 9 mm.

Compl. specn. 30 pages.

Drgs. 8 sheets

Int. Cl.: F 01 L 7/04, 7/06, F 25 B 1/00, F04 B 19/00, 21/00.

164777

AN IMPROVED REFRIGERANT COMPRESSOR

Applicant: SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 KOTOBUKI-CHO, ISESAKI-SHI, GUNMA 372, JAPAN.

Inventors: KEIICHI SHIMIZU AND KATSUMASA AZAMI.

Application for Patent No. 147 Del/86 filed on 21st February, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

An improved refrigerant compressor comprising:
a front housing (12);

a cylinder block (11A) having a plurality of cylinders (25A) disposed along its circumference;

a cylinder head (31A) having a suction chamber (33A) and a discharge chamber (34A);

a drive shaft (16) supported by said front housing (12),
a plurality of pistons (26A);

one of said pistons (26A) being disposed in each of said cylinders (25A) and drivingly coupled to said shaft (16) for reciprocating motion;

characterised in that a valve plate (30A) located between cylinders (25A) and said cylinder head (31A);

said valve plate (30A) having a suction hole (35A) and a discharge hole (36A) at each of said cylinders (25A) in fluid communication with said suction and discharge chambers (34A);

a suction valve (38A) extending over each of said suction holes (35A) to open and close said suction holes (35A);

said valve plate (30A) having a groove (1A) formed in its outer surface facing said pistons (26A);

said groove (1A) having approximately same shape and depth as said suction valve (38A) to receive said suction valve (38A) in said groove (1A) during compression.

Compl. specn. 8 pages.

Drgs. 4 sheets

Int. Cl.: A 01 N 25/18, 33/00, B 32 B 29/06.

164778

"A PROCESS FOR PREPARING A DISTRIBUTING PAPER IMPREGNATED WITH AN ACTIVE COMPOUND".

Applicant: SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, A FRENCH COMPANY, OF 12 QUAI HENRI IV, 75181 PARIS CEDEX 04, FRANCE.

Inventors: PATRICK BARRUET, ALAIN FAUCONNIEN & PIERRE REGIS CARLE.

Application for Patent No. 736/Del/86 filed on 14th August, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

14 Claims

A process for preparing a distributing-paper impregnated with an active compound such as herein described and intended to be burnt to ensure the dissemination of said active compound characterised in that said paper is a nitrocellulose-based paper having nitrogen content of from 5% to 14% and said nitrocellulose-based paper is impregnated in any known manner with said active compound in a liquid phase containing a liquid base which is not a solvent and which gels nitrocellulose and the decomposition temperature of said active compound is above 130°C.

Compl. specn. 27 pages.

Drg. 1 sheet

Int. Cl.: C 07 D 215/08, 215/14.

164779

A PROCESS FOR THE PREPARATION OF 8-(4-D-HXOPYRANO - SYLAMINO - 1 - METHYLBUTYLAMINO)-6 - METHOXYQUINOLINES.

Applicant: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI 1860).

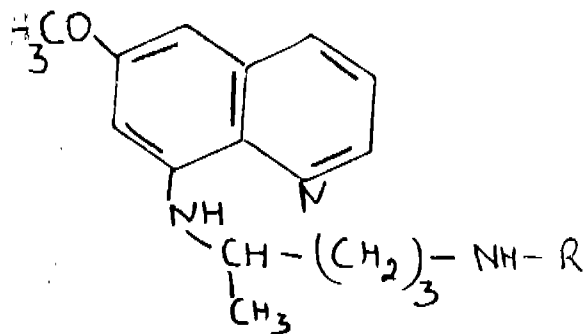
Inventors: MRIDULA SAXENA, ANIL KUMAR SAXENA, SUNIL KUMAR PURI, GURU PRASAD DUTTA AND NITYA ANAND.

Application for Patent No. 744/Del/86 filed on 19th August, 1986.

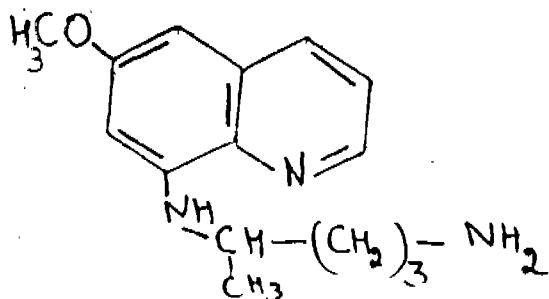
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A process for the preparation of 8-(4-D-hexopyranosylamino-1-methylbutyllamino-6-methoxyquinolines of the formula (2)



of the accompanying drawings where R is sugar moiety (hexapyranosyl group) which comprises reacting primaquin of the formula (1)



with a hexose such as herein described.

Compl. specn. 7 pages.

Drgs. 11 sheets

Int. Cl.⁴ : A 61 H 31/00.

164780

A HYDRATION ATTACHMENT FOR A LUNG EXERCISER.

Applicant & Inventor : DR. VIRENDRA SINGH, S/O SHRI RAMESHWAR SINGH, C-86 SHASTRI NAGAR, JAIPUR-302006, INDIAN.

Application for Patent No. 755/Del/87 filed on 26th August, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A hydration attachment for a lung exerciser comprising a reservoir having a mouth closed by a mouth cap, an inlet tube having one end extending into the reservoir through said mouth cap and the other end outside the reservoir, a connecting tube having one end extending into the reservoir through the mouth cap and the other end connected to a chamber, an exit tube extending from the chamber and connectible to the hole of said lung exerciser, a medication basket provided inside said chamber and opening to the outside of the chamber to form a vent, said connecting tube and said exit tube being connected at opposite sides of said chamber and a one way valve being provided in said exit tube.

Compl. specn. 6 pages.

Drg. 1 sheet

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. Nos. 160251 & 160252. Tata Iron & Steel Company Limited, Bombay House, 24, Horni Mody Street, Bombay-400023, Maharashtra, India, an Indian Company. "Tubular frame structure". 11th October, 1988.

Class 1. No. 160294. Napco India 4324-37-38-National Market, Kucha Pandit, Lal Quan Delhi-110006, India. An Indian Partnership firm. "Cradle". 21st October, 1988.

Class 1. Nos. 160299 & 160300. AEG Aktiengesellschaft, Theodor-Stern-Kai 1, D-6000 Frankfurt 70 West Germany, a West German Company, "Switch Box". 21st October, 1988.

Class 1. No. 160331. Prasad Prabakar, an Indian, residing at House No. 16-3-740, Chanchalguda, Gachi Bowli, Hyderabad-500 024, Andhra Pradesh State, India. "Barbers Chair". 26th October, 1988.

Class 1. No. 160596. Norton & Co. Spartan Type Foundry "Norton House", 23, Baker Thiruvengada Mudali St. Choolai, Madras-600112. Tamil Nadu, India. An Indian Partnership firm. "Type Fonts". 17th December, 1988.

Class 3. No. 160235. Choksons Private Limited, an Indian Company, of Saki Vihar Road, P.O. Box 843, Powai, Bombay-400 072, Maharashtra, India, and also at Tavawala Building, Pathak Wadi, Bombay-400 002, Maharashtra, India. "D.P. Switch with Fuse". 10th October, 1988.

Class 3. No. 160325. Kotomould (India), Vijay Industrial Estate, Oadra Road, Samiala, Baroda-291 410 Gujarat India. An Indian Partnership firm. "Storage Tank". 25th October, 1988.

Class 3. No. 160341. Reckitt & Colman Products Limited, a British Company, of one Burlington Lane, London W4 2RW, United Kingdom. "a Bottle". Reciprocity date is 1st July, 1988. (U.K.).

Class 3. No. 160359. Ivan Nigli, Citizen of India, Sole Proprietor of Bangalore Detergents & Plastic Co., B. Narayanapura Extension, Doorvani Nagar Post Bangalore 560016, Karnataka, India. a "Container". 10th November, 1988.

Class 3. No. 160414. International Business Machines Corporation, a Corporation organised and existing under the Laws of the State of New York, United States of America, of Armonk, New York 10504, United States of America. a "Hand Held Tester for ports in Data Processing Apparatus". Reciprocity date is 20th June, 1988, (U.K.).

Class 3. No. 160422. Safari Industries (India) Limited, 107/0, Khetani Textile Compound, Bazarward, Kurla, Bombay 400070, Maharashtra, India, a Public limited company incorporated under the Indian Companies Act. "Suitcase". 24th November, 1988.

Class 3. Nos. 160454 & 160458. Interlego A. G., a Swiss Company of Sihlbruggstrasse 3, CH-6340 Baar, Switzerland. "a Toy Building Element". 29th November, 1988.

Class 3. Nos. 160459 & 160460. Interlego A. G., a Swiss Company of Sihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Toy building Element with a Panel". 29th November, 1988.

- Class 3.** No. 160463. Interlego A. G., a Swiss Company of Shihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Leaf for a toy palm". 29th November, 1988.
- Class 3.** No. 160465. Interlego A. G., a Swiss Company of Shihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Wheel for a Toy Car". 29th November, 1988.
- Class 3.** No. 160468. Interlego A. G., a Swiss Company of Shihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Wheel House for a Toy Ship". 29th November, 1988.
- Class 3.** No. 160469. Interlego A. G., a Swiss Company of Shihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Toy Circus wheel". 29th November, 1988.
- Class 3.** No. 160531. Geep Industrial Syndicate Limited, of 28 South Road, Allahabad U. P., India, an Indian Company. a "Pocket Torch". 9th December, 1988.
- Class 3.** No. 160540. Diana Equipments Private Limited, (an Indian Company) at 13, Narayanbag, Indore-452 004, State of Madhya Pradesh, India. "Foot-valve". 14th December, 1988.
- Class 3.** No. 160689. Ramesh U. Bilgekar, Indian National, residing at 51/2420, M.H.B. Colony Gandhi Nagar, Bandra (East), Bombay-400 051, Maharashtra, India. "Wire Holding Clup (Single)". 27th January, 1989.
- Class 3.** No. 159720. Modi Rubber Limited, an Indian company of Modinagar, Uttar Pradesh, India. a "Tyre for a Vehicle Wheel". 20th May, 1988.
- Class 3.** No. 159981. Eagle Flask Industries Private Limited, an Indian Company, at Eagle Estate, Talegaon 410 507, District Pune, Maharashtra, India. "Flask". 27th July, 1988.
- Class 4.** Nos. 160256 & 160257. R. V. Diamond Tools, 101, Udyog Nagar Industrial Association, Plot No. 7, Udyog Nagar. Off S. V. Road, Goregaon (West), Bombay-400062, State of Maharashtra, India, an Indian Partnership Firm. "Diamond Polishing Mill". 12th October, 1988
- Class 5.** No. 160233. GTC Industries Limited. (an Indian Company) at Tobacco House, Vile Parle, Bombay-400 056, State of Maharashtra, India. "Cigarette Packet". 7th October, 1988.
- Copyright extended for the 2nd period of five years*
- Nos. 149471, 154678, 154034, 154347 **Class-1.**
 Nos. 150928, 154431. **Class-3.**
 Nos. 154195, 154193, 154194. **Class-12.**
- Copyright extended for the third period of five years*
- Nos. 148101, 147018, 149019, 149020, 154678. **Class-1.**
 Nos. 148102, 148191, 147019, 147549, 147520, 147386. **Class-3.**

R. A. ACHARYA
 Controller General of Patents,
 Designs and Trade Marks